ABSTRACT OF THE DISCLOSURE

Provided is a tire air pressure monitoring system in which ID registration is automatically made while specifying a tire position to reduce the manpower of the registration operation and further to prevent mistaken registration. In this system, when an ignition switch is changed from an OFF state to an ON state to satisfy a tire position detection condition, a command is issued to a smart control unit so that a transmitter transmits an ID transmission request to an air pressure sensor, and the air pressure sensor returns ID data as a reply to the ID transmission request. The ID data received is collated with a previously registered ID and, if the result of the collation shows that the ID data pertains to the air pressure sensor of his/her own vehicle, the received ID data is registered as an ID related to a specific tire position.